

**Development and
Implementation of an
Integrated Delta Improvement
Package for Conveyance,
Water Quality
and Environmental Protection**

Delta Improvements Package

Actions, Commitments, and Schedules

Actions	Lead	2004	2005	2006	2007
• Water Supply					
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• Water Quality/ Delta Protections					
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• Environmental Protection					
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• Science					
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Who's Developing the Matrix

- IWOFF - sub group of CALFED Agencies
- Integrated Water Operations Forum and Framework (IWOFF)
 - CDFG
 - NOAA Fisheries
 - USFWS
 - USEPA
 - USBR
 - DWR
 - CVRWQCB
 - CBDA

Delta Improvements Package



Water Supply Reliability

- Increase SWP pumping capacity to 8,500 cfs
- Implement SWP/CVP integration plan
- Design & construct SWP/CVP intertie



Ecosystem restoration

- Launch expanded, long-term EWA with combination of public and user funding
- Updated ESA / Eco commitments



Water Quality

- Reduce agricultural drainage/relocate intakes
- Develop strategy to improve Frank's Tract
- Install temporary & permanent barriers
- Address Stockton dissolved oxygen problem
- Improve flows/water quality in lower San Joaquin River



Science

- Issue science agenda related to flows/water quality and operations

Key Events/Milestones

- 1) Near Term Events
 - OCAP Project Description – March 2004
 - Package of Commitments, Linkages and Schedules – Spring/Summer 2004
- 2) Final EIR/S for SDIP – 2004-5
- 3) Operation at 8,500 cfs @ SWP - 2006-7
- 4) Post 8,500 cfs @ SWP – 2008 - ?

Examples of Key Linkages

- Water Quality
 - Salinity in the San Joaquin at Vernalis and Brandt Bridge
 - Western Delta Drinking Water Quality
- Water Levels in South Delta and Permanent Operable Barriers
- Long-term EWA
- Water Supply – increase COE permit to 8,500 cfs on a regular basis

Salinity in the San Joaquin River

- Commit to an aggressive integrated salinity management program
 - Coordinated actions by the parties and TMDL Process by RWQCB
 - Drainage management
 - Real Time salinity monitoring and management
 - Salt Load reduction
 - Recirculation
 - Upstream Acquisitions
 - CVP operation – New Melones

Western Delta Drinking Water Quality

- Continuous improvement in water quality
- Reroute Agricultural Drains – Veal and Byron Tract
- Encasing the CCWD canal in stages
- Franks Tract
- Consider moving CCWD M&I Intake

Water Levels and Permanent Operable Barriers

- Full 8,500 Permit Flexibility with Permanent Operable Barriers
- Interim stage –
 - Continue Temporary Barriers, Portable Pumps and Dredging
 - Explore conditions that would allow increasing exports above current permit levels

Long-Term EWA

- Water Supply planning for OCAP and 8,500 assumes a continuation of an EWA
- Continue EWA until full operation of 8,500
- Increase EWA with full operation of 8,500
- Determine funding of EWA for the next 10 years
- Public Funding and Water Users Funding – in development

Development of Delta Improvement Package of Commitments, Linkages and Schedules

- Review preliminary draft of linkages and schedules with Stakeholders.....March
- Review with CBDA.....Early April
- Review with Stakeholders.....April
- Public Workshops.....April/May
- Draft Interagency Implementation Agreement.....Early May
- Review with Stakeholders/BDPAC.....May
- Review with CBDA.....Early June
- Final Interagency Implementation Agreement.....June